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NEW MEXICO OIL CONSERVATION COMMISSION

30-041-20580

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Collier "A"	
2. Name of Operator Enserch Exploration, Inc.		9. Well No. 1	
3. Address of Operator 1230 River Bend Drive - Suite 136 - Dallas, Texas 75247		10. Field and Pool, or Wildcat Undesignated	
4. Location of Well UNIT LETTER L LOCATED 1980 FEET FROM THE South LINE AND 660 FEET FROM THE West LINE OF SEC. 28 TWP. 4S RGE. 33E NMPM		12. County Roosevelt	
21. Elevations (Show whether DP, RT, etc.) 4337.4 GR		19. Proposed Depth 8500'	
21A. Kind & Status Plug. Bond American Insurance 5171534		19A. Formation Pre-Cambrian Gr.	
21B. Drilling Contractor Republic Drilling Co.		20. Rotary or C.T. Rotary	
22. Approx. Date Work will start March 15, 1981			

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	13-3/8"	48#	350'	400	Surface
12-1/4"	9-5/8"	36#	2000'	1150	Surface
8-3/4"	5-1/2"	15.5#	8500'	1050	6000'

Drill to 8500' in search of oil. Will set 13-3/8" surface pipe. A 13-3/8", 3000 psi bradenhead and 12", 3000 psi BOP will be installed before drilling the intermediate hole. After 9-5/8" casing is set, a 9-5/8", 5000 psi bradenhead will be installed. A 12", 3000 psi double hydraulic BOP and a 12", 3000 psi Hydril will be installed on the 9-5/8" bradenhead. A 3000 psi choke manifold will be used from 2000' to total depth.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 8/27/81
UNLESS DRILLING UNDERWAY

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed C. H. Peeples Title Regional Drilling Manager Date February 23, 1981
(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT 1 DATE FEB 27 1981

CONDITIONS OF APPROVAL, IF ANY: